

OFA IWG meeting – 5/7/2013

Attendees

First	Last	Company	02/26/13	03/12/13	03/26/13	05/07/13
Samantha	Jian-Pielak	Canonical		X		
Tom	Reu	Chelsio	X	X		
Martin	Schlining	DataDirect Networks	X	X		X
Jeff	Kopko	Emulex			X	X
Alex	Nicholson	Emulex	X	X		
Brad	Benton	IBM	X	X	X	X
Pradeep	Satyanarayana	IBM	X	X	X	X
Harry	Cropper	Intel	X	X	X	
Mitko	Haralanov	Intel	X	X	X	X
Jess	Robel	Intel	X	X	X	X
Jim	Ryan	Intel			X	
Guy	Ergas	Mellanox	X			
Yevgeny	Petrilin	Mellanox				X
Rupert	Dance	Software Forge	X	X	X	X
Nate	Landolt	UNH-IOL				X
Glenn	Martin	UNH-IOL		X		
Edward	Mossman	UNH-IOL	X	X	X	X
Bob	Noseworthy	UNH-IOL				X
Nate	Rubin	UNH-IOL	X		X	X

2013 Events

May 2013

- OFA GA Validation Event 05/20 → 05/31/2013

October 2013

- IBTA PF24 10/07 → 10/18/2013
- OFA Interop Debug Event 10/14 → 10/18/2013

OFA Training

- June 3-4th 2013 – Writing Application Programs using RDMA Verbs
- June 5-6th 2013 – InfiniBand Fabric Administration

OFA EWG Status

- OFED 3.5 GA Released 02/14/2013
- OFED 3.5.1 RHEL 6.4 Goal 5/31/2013
- OFED 3.5.1 MIC End of Q2
- OFED 3.5.2 Latest Updates End of Q2
- OFED 3.10 or 3.12 Stable Early Q4
- CentOS Current Distribution 6.4
- RHEL Current Distribution 6.4
- Scientific Linux Current Distribution 6.3

OFA Conferences – Monterey California

- [Wrap up report](#)
- [All presentations](#)
- Edward – great to see all these people together. Good round table discussions. And nice to meet face to face with people.

OFA Interop Event Status

March Interop GA Event - Edward and UNH-IOL reporting

- Feb-Mar 2013 GA Event was pushed back because of long release schedule of OFED 3.5
- All signed reports have been sent out.
- Arbitration timer starts. Any issues with this please send message to arbitration committee.
- Two weeks to approve the reports.
- May 17th **deadline** to submit arbitration events.
- Bob reminds us that Interop Debug Event came on top of the Interop GA event. Some Beta testing such as testing multiple Operating Systems was dropped because of the OFA XWG decision regarding the budget and the decision to focus on the needs of the OGILG members.

April Interop Debug Event – Status - Edward and UNH-IOL reporting

- **RoCE**: Everything went well. IBM and Emulex worked very well together and were able to resolve some Interop issues.
- **IB**: things went well and all testing is completed except for a little bit of Link Init
- **Nate**: iWARP testing. Some processes running with conflicts that got resolved.
 - uDAPL
 - OPEN MPI
 - Link Init
 - RDMA Testing
- **Pradeep**: he wants to get some patches into OFED. IBM and Emulex have worked together. Arlin Davis has accepted the patches
 - Bob feels good about accepting new changes.
 - **Jeff Kopko**: the changes are big endian and little endian. He will need to notify the build team.
 - Alternative is just to change the uDAPL
 - Both Jeff and Pradeep are OK with this.
 - **Brad** is OK as well
- **Jeff Kopko**
 - There is an endian issue in Open MPI and therefore heterogeneous testing is not supported.
 - **Brad** – the endian support is broken in Open MPI. It is in Limbo and it is special environment. MVAPICH does not support it. IBM could contribute the code but there are legal issues. He is working on this project.
 - Can only run Open MPI homogeneous environment. Could be done in a loop back mode for IBM. Single system talking to itself.
 - We have been using Open MPI 1.6.4 – Brad will send a configuration file that will allow it to go to a “Platform” file.

May Interop GA Event

- Discussion of when to schedule this event
- Things we must do:
 - Decide if OFED 3.5.1 will be available and if we will use this.
 - uDAPL – get the updates included in the next release of OFED
 - Open MPI – try to resolve the endian issue and try Brad’s loop back patch in the interim.
- May 20th will be our target date.
- Next meeting is the 21st so must notify.

Open Discussions

- **Yevgeny**
 - He is taking Tziporet roles. Linux development and Mellanox OFED.
 - He would like to consider testing this. He wants majority of the Mellanox code to be put into OFED.
 - He will check with his team about new firmware versions.
 - What about RoCE testing – he wants to include Mellanox products but needs to double check with his team.
- **Marty**
 - Main concern is with OFED 3.5 and SL 6.x is that he can make the kernel crash. It is only with one Vendors Kernel – it is RHEL 2.6.3x kernel
 - Solution is updated or patched kernel
 - **AR:** check with VLAD

Action Requests (ARs)

Rupert Dance

5/7/2013

- 1) Check with Vlad to see how we can get the RHEL 2.6.3x kernel patched so it does not crash with SRP.

2/26/2013

- 1) OpenFabrics Interoperability Logo Program Changes – [in process 3/24/2013](#)

12/04/2012

- 1) Validate that the SRP bug has been logged with RedHat

Older

- 1) Update Logo Program to include OFA Policy regarding OFILG Membership and granting of the Logo
- 2) Check with EWG and XWG about the distribution of OFED Binaries
- 3) Create Logo with version or change Logo Guidelines – [see 4/3/2012 minutes](#)

UNH-IOL

10/9/2012

- 1) **Nate:** verify that rping works for RoCE as well as iWARP